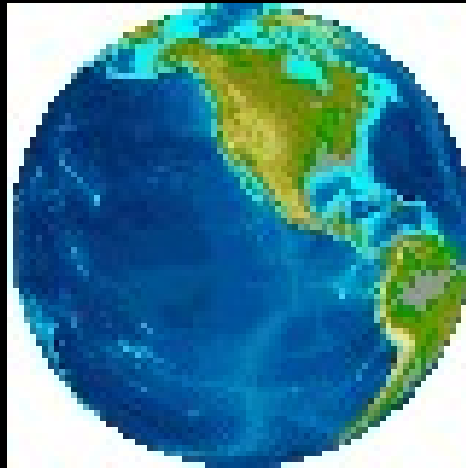


# **EARTH'S ROTATION AND REVOLUTION**



# Earth's Rotation

- Rotation is the spinning of the Earth on its axis.
- The time for one rotation is 24 hours.
- The speed of rotation 24,855 miles/24 hr or 1,038 miles/hr

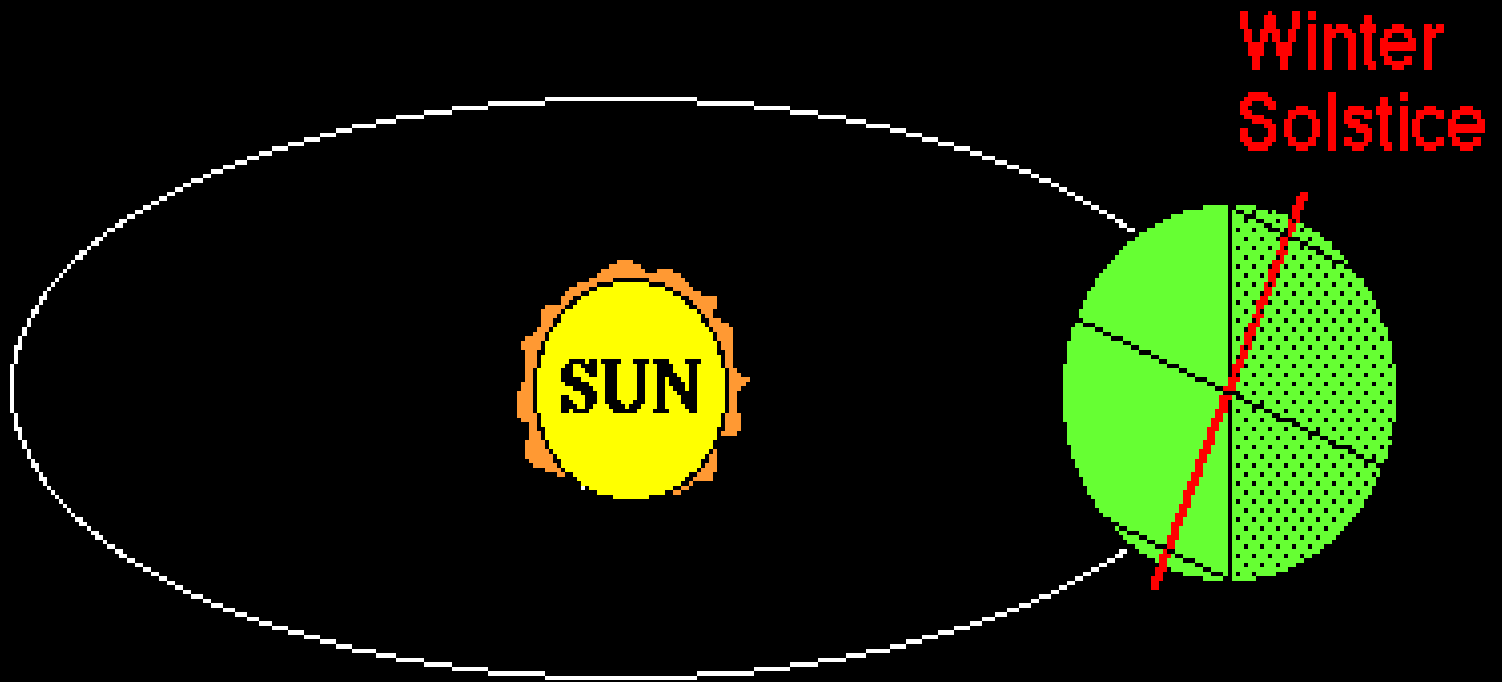


[Click image to view Earth's rotation.](#)

# Earth's Revolution

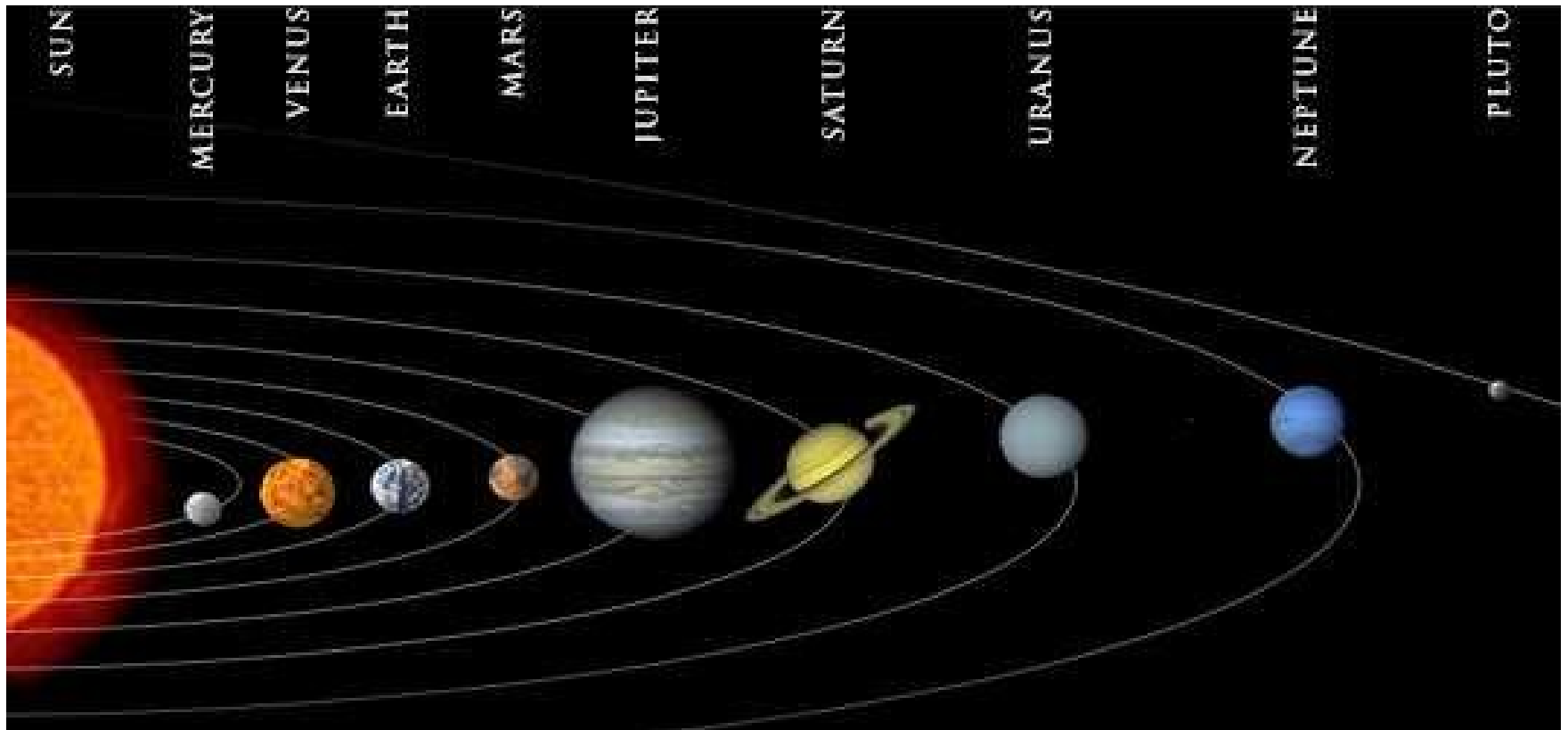
- A revolution occurs as the earth moves around the sun.
- Time for one revolution =  $365 \frac{1}{4}$  days = 8,766 hours
- The speed of earth's revolution is about 18 miles per second.

# Earth's Revolution



# Earth's Orbit

- The path an object takes as it revolves around another object.



# **Around and Around We Go**

- Every second, that you sit in this classroom, the Earth's orbital motion carries you about 18 miles through space.



# SPACE

## EARTH MOVEMENTS

# Round one

1. The Earth spinning on its axis

Rotation

Revolution

2. Going around a larger body.

Rotation

Revolution

3. 24 hours.

Rotation

Revolution

4. Causes the Earth's seasons.

Rotation

Revolution

5. Creates a year.

Rotation

Revolution

6. The moon going around Earth

Rotation

Revolution



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Identify the motion being shown in each of these pictures. Each team must write their answers for each figure in the form of a question.

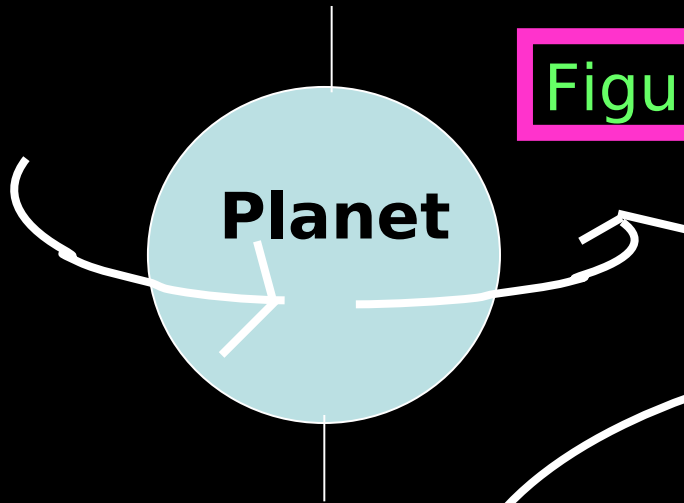


Figure #1

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Revolution

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Figure #2

Rotatio  
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Revolution

